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CENTER FOR RESEARCH, INC.
UNIVERSITY OF KANSAS
ERTS DETAILED IMAGE INTERPRETATION REPORT

CRINC
DIIR No. 2264-6
Date
Prepared May 9, 1973

E7.3 109.78.

CR-133757

Subject: **Detection of a Low Pressure Center
From ERTS Imagery**

Subject Geographic Coordinates NA NASA Test Site No. NA

NASA Image Descriptors: **Low Pressure Center**

Report Summary: **By viewing clouds and cloud patterns,
an area of low pressure could be detected, and
wind direction indicated by cloud patterns near
the low.**

(E73-10978) DETECTION OF A LOW PRESSURE
CENTER FROM ERTS IMAGERY (Kansas Univ.
Center for Research, Inc.) 2 p HC \$3.00

N73-33243

CSCL 04B

G3/13 Unclass 00978

Imagery References

CRINC Image No.	NASA Image ID Block	Subject Image X	Coordinates Y	Cloud Cover	Image Quality
MP 00238	1096-16512-5	NA	NA	NA	Good

Original photography may be purchased from
EROS Data Center
10th and Dakota Avenue
Sioux Falls, SD 57198

Map References: NA

Digital Data Used • Yes No XX

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NASA Contract No. NAS 5-21822 User ID No. U664
MMS #060-IV

A Low pressure system over the mid-west could be determined from an ERTS image by the characteristics of clouds around the low, and from cloud indicators of wind direction found circling into the low. The cloud layer encircling the low appeared to be composed of a stratus cloud bank, and behind the low, clear skies were evident. All the general characteristics of a low pressure system appeared evident in the image, although it did not appear to be intense, with any thunderstorm development.

